

CLAIMS

What is claimed is:

1. A method of delivering a call to a called party's device, comprising:

receiving a call directed to a wireline device;

validating that a telephone number of the wireline device is associated with a telephone number of a wireless device;

transmitting a message to the wireless device;

delivering the call to the wireline device when a return message is not received from the wireless device;

determining a location of the wireless device when a return message is received from the wireless device;

comparing the location of the wireless device with a location of the wireline device;

delivering the call to the wireless device when the location of the wireless device is not within a predefined vicinity of the location of the wireline device; and

delivering the call to the wireline device when the location of the wireless device is within a predefined vicinity of the location of the wireline device.

2. The method of claim 1, further comprising determining whether the called party is a subscriber to a call delivery service with GIS integration.

3. The method of claim 1, further comprising routing the call to a telecommunications switch.

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4. The method of claim 1, further comprising receiving a return message from the wireless device containing at least one of an electronic serial number and a mobile identification number.

5. The method of claim 1, further comprising receiving a return message from the wireless device containing locational information associated with the wireless device.

6. The method of claim 1, further comprising accessing a database to obtain the location of the wireline device.

7. An apparatus for delivering a call to a called party's device, comprising:

- means for receiving a call directed to a wireline device;
- means for validating that a telephone number of the wireline device is associated with a telephone number of a wireless device;
- means for transmitting a message to the wireless device;
- means for delivering the call to the wireline device when a return message is not received from the wireless device;
- means for determining a location of the wireless device when a return message is received from the wireless device;
- means for comparing the location of the wireless device with a location of the wireline device;
- means for delivering the call to the wireless device when the location of the wireless device is not within a predefined vicinity of the location of the wireline device;

and

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means for delivering the call to the wireline device when the location of the wireless device is within a predefined vicinity of the location of the wireline device.

8. A computer-readable medium having stored thereon instructions which, when executed by a processor, causes the processor to:

- receive a call directed to a wireline device;
- validate that a telephone number of the wireline device is associated with a telephone number of a wireless device;
- transmit a message to the wireless device;
- deliver the call to the wireline device when a return message is not received from the wireless device;
- determine a location of the wireless device when a return message is received from the wireless device;
- compare the location of the wireless device with a location of the wireline device;
- deliver the call to the wireless device when the location of the wireless device is not within a predefined vicinity of the location of the wireline device; and
- deliver the call to the wireline device when the location of the wireless device is within a predefined vicinity of the location of the wireline device.

9. A telecommunications system, comprising:

a controller, comprising:

- a mobile positioning center;
  - a location management platform; and
  - a GIS application;
- at least one telecommunications switch; and

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a wireless telecommunications network.

10. The system of claim 9, further comprising a network database in communication with the controller.

11. The system of claim 9, further comprising a PSAP database in communication with the controller.

12. The system of claim 9, wherein the controller is a service control point.

13. The system of claim 9, wherein the at least one telecommunications switch includes a mobile switching center.

14. The system of claim 9, wherein the wireless telecommunications network includes a cellular network.

15. The system of claim 9, further comprising a position determining device.

16. The system of claim 15, wherein the position determining device includes GPS functionality.

17. The system of claim 9, further comprising an intelligent peripheral device.

18. A controller for controlling the delivery of a call to either a wireline device or a wireless device depending on the a location of the wireless device in relation to a location of the wireline device, comprising:

a mobile positioning center;

a location management platform; and

a GIS application.

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